

Gibson, Kathy

From: Casanova, Rafael
Sent: Tuesday, February 25, 2014 10:16 AM
To: Gibson, Kathy; Lennox, Ursula
Subject: FW: Tar Creek - Amended Work Plan and Budget for the Exclusion Zone (Dated 2/11/14) - Questions and Request for Information

FYI. See response from Tim.

Rafael Casanova, P.G. (Environmental Scientist, RPM)
U.S. Environmental Protection Agency (Region 6)
Superfund Division (6SF-RA)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

Office Telephone # - (214) 665-7437
Work Cell Phone # - (214) 789-1633
Office Telephone Toll-Free # - 1(800) 533-3508
Office Facsimile # - (214) 665-6660
E-Mail - casanova.rafael@epa.gov

Assigned Site in Oklahoma: (<http://www.epa.gov/earth/r6/6sf/6sf-ok.htm>)
Tar Creek Superfund Site (North Eastern Oklahoma), Catholic 40 (Distal Group 8)

Assigned Sites in Texas: (<http://www.epa.gov/earth/r6/6sf/6sf-tx.htm>)
Brine Service Company Superfund Site (Corpus Christi, Texas)
Donna Reservoir and Canal Superfund Site (Donna, Texas)
Many Diversified Interests, Inc. Superfund Site (Houston, Texas)
Palmer Barge Line Superfund Site (Port Arthur, Texas)
State Marine of Port Arthur Superfund Site (Port Arthur, Texas)

From: Tim Kent [<mailto:TKent@quapawtribe.com>]
Sent: Tuesday, February 25, 2014 8:22 AM
To: Casanova, Rafael
Cc: CKreman@quapawtribe.com; CKreman@quapawtribe.com
Subject: RE: Tar Creek - Amended Work Plan and Budget for the Exclusion Zone (Dated 2/11/14) - Questions and Request for Information

Rafael,

Below are responses to your comments:

- We do believe the chat hauling will from the eastern exclusion zone will take about 1 month
- The following site specific plans will need slight modifications: **1) Field Sampling Plan** (due to the added grids in sensitive areas); **2) Health and Safety Plan** (due to added procedures for excavating and investigating in sensitive areas); **3) Construction QAP** (due to additional techniques for excavating and operating in sensitive areas); and **4) SWPP (due to need for more stormwater controls in expanded construction area).**
- In the spreadsheet, the survey line items in the new section 14 were transferred from other sections in the original spreadsheet:



Line 14h covers the initial surveys and boundary identifications of the expanded area as well as survey data collection related to historic features, mine openings, vent shaft locations, and survey data collection for visible source material.

Line 14z is for survey work during the work period while filling mine shafts and monitoring, location of work zones and grids after above-ground source material has been removed, and identifying and recording test locations and elevations during the soil sampling and possible soil removal process.

- Regarding the site map, we will provide an updated site map showing added grids, additional historic features, shafts, subsidence features, test boring locations, ect. The quantities of source material in the eastern portion of the site were determined using thickness of source material at the test boring locations (at least one test boring or backhoe pit in each new grid was utilized to obtain source material thickness for that grid); and utilizing topo data for estimating the above-ground source material volumes. We will provide source material thickness on the map at each boring location and in a table within the Work Plan. Regarding the amount of TZ soils required to be removed in the newly expanded area, from our experience with TZ soils in the western portion of the site we just assumed that we would be removing 70% of soils from 0 to 12 inches in the new grid areas.

Tim Kent, PG
Environmental Director
Quapaw Tribe of Oklahoma

From: Casanova, Rafael [<mailto:Casanova.Rafael@epa.gov>]
Sent: Saturday, February 22, 2014 2:41 PM
To: Tim Kent
Cc: Craig Kreman; Gibson, Kathy; Lennox, Ursula; Sanchez, Carlos; Meyer, John; Gilmore, Cathy
Subject: Tar Creek - Amended Work Plan and Budget for the Exclusion Zone (Dated 2/11/14) - Questions and Request for Information

Tim, I have a few questions and requests concerning the subject amended Work Plan (WP) and budget.

I gather from the WP and budget that the QTEO assumes that the work of hauling chat from the exclusion zone will take about a month, correct?

Why are costs included for amending the "closed boring procedures" and "health and safety" plans in the amended budget? What are the revisions that would be required?

Also, what is the distinction between the "Oklahoma Surveyor to Shoot Boundaries and Mark Work Areas" (Line Item 14h), "zone establishments" (Line Item 14r), and "survey and layout" (Line Item 14z) line items in the amended budget?

Additionally, the amended WP should include a map of the exclusion zone grid areas, similar to the map I reviewed during my last visit to the Site in January 2014. Also, the calculations/maps/sampling data that were used in determining the amount of chat and TZ soils that would require remediation should also be submitted in the WP.

I will provide my recommendations to Kathy by e-mail later today, but we need the information requested in this e-mail.

Thanks for your help on this.

Rafael Casanova, P.G. (Environmental Scientist, RPM)
U.S. Environmental Protection Agency (Region 6)
Superfund Division (6SF-RA)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

Office Telephone # - (214) 665-7437

Work Cell Phone # - (214) 789-1633

Office Telephone Toll-Free # - 1(800) 533-3508

Office Facsimile # - (214) 665-6660

E-Mail - casanova.rafael@epa.gov

Assigned Site in Oklahoma: (<http://www.epa.gov/earth1r6/6sf/6sf-ok.htm>)

Tar Creek Superfund Site (North Eastern Oklahoma), Catholic 40 (Distal Group 8)

Assigned Sites in Texas: (<http://www.epa.gov/earth1r6/6sf/6sf-tx.htm>)

Brine Service Company Superfund Site (Corpus Christi, Texas)

Donna Reservoir and Canal Superfund Site (Donna, Texas)

Many Diversified Interests, Inc. Superfund Site (Houston, Texas)

Palmer Barge Line Superfund Site (Port Arthur, Texas)

State Marine of Port Arthur Superfund Site (Port Arthur, Texas)

CONFIDENTIALITY / PRIVACY NOTICE: This message and any attachments transmitted with it, is for the designated recipient only and may contain privileged or confidential information. If you have received it in error please notify the sender, via return e-mail, immediately and permanently delete the original. Any unauthorized review, disclosure, dissemination, distribution or copying of this e-mail is strictly prohibited. Thank you.

Gibson, Kathy

From: Casanova, Rafael
Sent: Saturday, February 22, 2014 3:45 PM
To: Gibson, Kathy
Cc: Gilmore, Cathy; Meyer, John; Lennox, Ursula; Sanchez, Carlos
Subject: Tar Creek - Catholic 40 - Recommendation for Approval of QTEO's Amended Work Plan and Budget for the Exclusion Zone Remedial Action (Dated 02/11/14)
Attachments: EPA Cost Estimate 022114.pdf

Kathy, I have completed my review of the subject work plan and budget (dated 2/11/14) and recommend approval of the QTEO's work plan and budget for the exclusion zone remedial action. We still need additional information in the work plan. I have already sent this request to Tim Kent by separate e-mail dated 2/22/14. I have included the request in this e-mail for completeness. I don't believe that the Tribe's responses to our request for additional information will require amending the EPA's attached cost estimate. Ursula, let Kathy and I know if you would like to discuss the EPA's estimate and/or the QTEO's proposal.

Attached is a table titled "EPA's Cost Estimate for the Exclusion Zone Remedial Action, Chat Base 011 and Transition Zone Soils" (dated February 21, 2014). The QTEO's cost estimate of \$836,639.50 is \$32,433.50 (4.0%) higher than the EPA's cost estimate of \$804,206.

It is my understanding, from previous conference calls, that the costs for personnel, fringe, travel, supplies, etc. should not be included in this cost estimate since these costs have already been accounted for. Additionally, based on discussions with the QTEO, we understand that the transition zone (TZ) soils will not be excavated and hauled to the central repository as proposed in the amended work plan and budget. The QTEO has stated that they have submitted soil samples for laboratory analyses to aid in determining how to address the TZ soils (*e.g.*, deep tilling). Additionally, the optimization team has recommended that TZ soils should not be removed.

I will be on travel to Donna the entire week of February 24th and can be reached at my work cellular phone number listed below. Let me know if you need additional information from me.

Questions and Request for Information E-mailed to QTEO on 2/22/14:

Tim, I have a few questions and requests concerning the subject amended Work Plan (WP) and budget.

I gather from the WP and budget that the QTEO assumes that the work of hauling chat from the exclusion zone will take about a month, correct?

What are the revisions that would be required for the "closed boring procedures" and "health and safety" plans?

Also, what is the distinction between the "Oklahoma Surveyor to Shoot Boundaries and Mark Work Areas" (Line Item 14h), "zone establishments" (Line Item 14r), and "survey and layout" (Line Item 14z) line items in the amended budget?

Additionally, the amended WP and budget should include a map of the exclusion zone grid areas, similar to the map I reviewed during my last visit to the Site in January 2014. Also, the calculations/maps/sampling data that were used in determining the amount of chat and TZ soils that would require remediation should also be submitted in the Work Plan.

Rafael Casanova, P.G. (Environmental Scientist, RPM)
U.S. Environmental Protection Agency (Region 6)
Superfund Division (6SF-RA)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

Office Telephone # - (214) 665-7437

Work Cell Phone # - (214) 789-1633
Office Telephone Toll-Free # - 1(800) 533-3508
Office Facsimile # - (214) 665-6660
E-Mail - casanova.rafael@epa.gov

Assigned Site in Oklahoma: (<http://www.epa.gov/earth1r6/6sf/6sf-ok.htm>)
Tar Creek Superfund Site (North Eastern Oklahoma), Catholic 40 (Distal Group 8)

Assigned Sites in Texas: (<http://www.epa.gov/earth1r6/6sf/6sf-tx.htm>)
Brine Service Company Superfund Site (Corpus Christi, Texas)
Donna Reservoir and Canal Superfund Site (Donna, Texas)
Many Diversified Interests, Inc. Superfund Site (Houston, Texas)
Palmer Barge Line Superfund Site (Port Arthur, Texas)
State Marine of Port Arthur Superfund Site (Port Arthur, Texas)

Gibson, Kathy

From: Tim Kent [TKent@quapawtribe.com]
Sent: Wednesday, February 12, 2014 3:37 PM
To: Casanova, Rafael
Cc: CKreman@quapawtribe.com; CKreman@quapawtribe.com; Gibson, Kathy; Terri Birch
Subject: revised Catholic 40 grant WP and budget
Attachments: FINAL Catholic 40 Remedial Response Workplan Revised 02-10-2014.docx; FINAL Catholic 40 Remedial Response Workplan Revised 02-10-2014.pdf; Quapaw SFCA Grant Budget - with CA40 East 2014 02 12.xlsx

Rafael and Kathy,

Attached is our revised grant Work Plan and associated RA construction spreadsheet for the Catholic 40 RA. These revisions reflect the Tribe's reprioritization of work to allow for the remediation of the eastern portion of the site ("Catholic 40 East") where the historic structures/features exist. These revisions also address your comments regarding our first submittal that were discussed on our conference call on Monday (the 10th).

I attached both the pdf and WORD versions of the grant WP so you could add comments or redline corrections to the WORD version if it is more convenient for you. Please don't hesitate to call me at 918-533-2592 with any questions. We (the Tribe) appreciate you all working with us on this redirection of priorities. Anything you can do to expedite your review would be greatly appreciated so that the Tribal employees working on this project can keep working...

Tim Kent, PG
Environmental Director
Quapaw Tribe of Oklahoma

CONFIDENTIALITY / PRIVACY NOTICE: This message and any attachments transmitted with it, is for the designated recipient only and may contain privileged or confidential information. If you have received it in error please notify the sender, via return e-mail, immediately and permanently delete the original. Any unauthorized review, disclosure, dissemination, distribution or copying of this e-mail is strictly prohibited. Thank you.

Gibson, Kathy

From: Gibson, Kathy
Sent: Wednesday, February 05, 2014 3:52 PM
To: Casanova, Rafael
Cc: Chambers, Carlene; Talton, Anthony; Meyer, John
Subject: FW: Revised Work Plan and Budget for Catholic 40

FYI

From: Casanova, Rafael
Sent: Tuesday, February 04, 2014 11:05 AM
To: CKreman@quapawtribe.com; Gibson, Kathy
Cc: tkent@quapawtribe.com; Chris Roper (croper@chrisroper.com); Lennox, Ursula; Gilmore, Cathy; Meyer, John; Sanchez, Carlos
Subject: RE: Revised Work Plan and Budget for Catholic 40

Craig, I took a quick look at the amended work plan and budget this morning looking for major items. Following are my initial comments:

1. The work plan does not include/summarize the work required for the exclusion zone beyond the boundary of the exclusion zone and the current work being conducted under the current CA, the work for the additional mine shafts discovered. It does not have to be included. This is an amendment to add the additional work only. Now, if there have been additional mine shafts discovered that need remediation, those should be included in the work plan and budget also. The work plan does not state how many mine shafts there are to begin with, but I am sure if there are additional ones, the budget should reflect it.
2. The deliverables that will need modification (e.g., SWPPP, etc.), and
3. The volume of chat and TZ soils that will need removal (I understand there is an ongoing dialogue concerning the TZ soils removal), including the a rationale for the work required to be conducted by hand. Rational exists in the work plan. The volume of additional chat and TZ soils should be added to the amendment.

For every activity that is "new" to the work plan, there must be a corresponding "cost" estimate on the budget. If they are trying to incorporate costs of the new activities into an existing BCE, they will need to give us an estimation of exactly the funding they expect to spend on each new activity. If the activity is not incorporated, it will also need a separate line item for costs in the budget.

Also, we need an explanation of the format and information included in the cost estimate table. I don't know what you mean by this.

There may be other items which I didn't catch during my initial review.

We should set up a conference call today or tomorrow. I am free between 1 and 2 pm today; and Wednesday between 1 pm and 2; and 3 pm and 4:30. I am free all day Thursday and Friday of this week.

Let me know, thanks.

Rafael Casanova, P.G. (Environmental Scientist)
U.S. Environmental Protection Agency, Region 6
Superfund Division (6SF-RA)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

Office Telephone # - (214) 665-7437

Work Cell Phone # - (214) 789-1633
Office Telephone Toll-Free # - 1(800) 533-3508
Office Facsimile # - (214) 665-6660
E-Mail - casanova.rafael@epa.gov

Assigned Sites in Texas: (<http://www.epa.gov/earth1r6/6sf/6sf-tx.htm>)

Brine Service Company Superfund Site (Corpus Christi, Texas)
Donna Reservoir and Canal Superfund Site (Donna, Texas)
Many Diversified Interests, Inc. Superfund Site (Houston, Texas)
Palmer Barge Line Superfund Site (Port Arthur, Texas)
State Marine of Port Arthur Superfund Site (Port Arthur, Texas)

Assigned Site in Oklahoma: (<http://www.epa.gov/earth1r6/6sf/6sf-ok.htm>)
Tar Creek Superfund Site (North Eastern Oklahoma), Catholic 40 (Distal Group 8)

From: Craig Kreman [<mailto:CKreman@quapawtribe.com>]
Sent: Monday, February 03, 2014 9:38 AM
To: Casanova, Rafael; Gibson, Kathy
Cc: tkent@quapawtribe.com; Chris Roper (croper@chrisroper.com)
Subject: Revised Work Plan and Budget for Catholic 40

Rafael,

Attached is the revised work plan and budget that incorporates our changes to the remedial activities associated with the eastern portion of Catholic 40 beyond the exclusion point to include cleaning up around the historical structures. Our budget has been amended to redirect uncommitted funds to the remediation of the eastern portion of the site. Please note that by redirecting these funds (\$836,639.50), we will likely not have enough funds left to remove the east-west chat road that we are using to access the east side of the site. Nor will we likely have enough to remove all of the transition zone soils that exhibit contamination above PRGs. These funds will have to be replenished in order for us to complete the project as approved. If you have any questions concerning the work plan and/or budget please contact me at any time.

Thank you,

Craig A. Kreman, E.I.
Environmental Engineer/Assistant Director
Quapaw Tribe Environmental Office
Email: CKreman@quapawtribe.com
[P]: (918) 542-1853 Ext 226 | [M]: (563) 249-7842



🌱 Please consider the environment before printing this email 🌱

CONFIDENTIALITY / PRIVACY NOTICE: This message and any attachments transmitted with it, is for the designated recipient only and may contain privileged or confidential information. If you have received it in

Gibson, Kathy

From: Casanova, Rafael
Sent: Tuesday, November 26, 2013 3:16 PM
To: Lennox, Ursula; Coats, Janetta; Gilmore, Cathy; Gibson, Kathy; Meyer, John
Subject: FW: Catholic 40 RA documents resubmittal
Attachments: OU4-Distal 8-CQAP v1 1-2013.pdf; OU4-Distal 8-Project Specifications v1 1-2013.pdf; OU4-Distal 8-Site Management Plan v1-2013.pdf; OU4-Distal 8-Spill Response Plan v1 1-2013.pdf; OU4-Distal 8-Transportation Plan v1 1-2013.pdf

FYI.

Rafael Casanova, P.G. (Environmental Scientist)
U.S. Environmental Protection Agency, Region 6
Superfund Division (6SF-RA)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

Office Telephone # - (214) 665-7437
Work Cell Phone # - (214) 789-1633
Office Telephone Toll-Free # - 1(800) 533-3508
Office Facsimile # - (214) 665-6660
E-Mail - casanova.rafael@epa.gov

Assigned Sites in Texas: (<http://www.epa.gov/earth1r6/6sf/6sf-tx.htm>)
Brine Service Company Superfund Site (Corpus Christi, Texas)
Donna Reservoir and Canal Superfund Site (Donna, Texas)
Many Diversified Interests, Inc. Superfund Site (Houston, Texas)
Palmer Barge Line Superfund Site (Port Arthur, Texas)
State Marine of Port Arthur Superfund Site (Port Arthur, Texas)

Assigned Site in Oklahoma: (<http://www.epa.gov/earth1r6/6sf/6sf-ok.htm>)
Tar Creek Superfund Site (North Eastern Oklahoma), Catholic 40 (Distal Group 8)

From: Tim Kent [<mailto:TKent@quapawtribe.com>]
Sent: Tuesday, November 26, 2013 2:58 PM
To: Gibson, Kathy; Casanova, Rafael
Cc: Craig Kreman; Chris Roper; Terri Birch
Subject: Catholic 40 RA documents resubmittal

Kathy and Rafael,

Attached are the remaining revised Site Specific Documents for the Catholic 40, except for the SWPPP which I will send in a subsequent email due to file size. We revised these documents according to the comments you and Ursula sent us last week RA (I sent the revised QAPP, revised FSP, and Community Relations Plan on Monday). I believe we have addressed all of your comments; but please get back with us ASAP on any changes you would like.

I understand we will be getting comments from Janetta regarding the Community Relations Plan; we will address those immediately after we receive them.

Tim Kent, PG
Environmental Director
Quapaw Tribe of Oklahoma

CONFIDENTIALITY / PRIVACY NOTICE: This message and any attachments transmitted with it, is for the designated recipient only and may contain privileged or confidential information. If you have received it in error please notify the sender, via return e-mail, immediately and permanently delete the original. Any unauthorized review, disclosure, dissemination, distribution or copying of this e-mail is strictly prohibited. Thank you.